This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

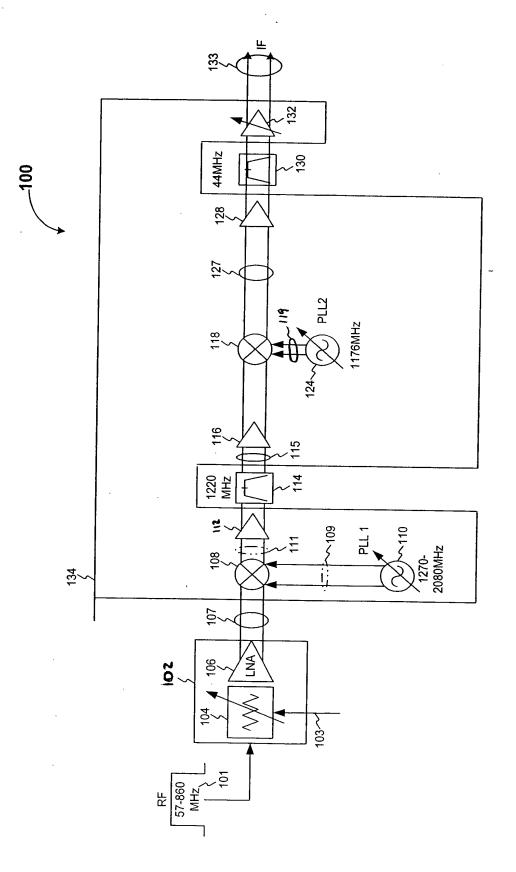
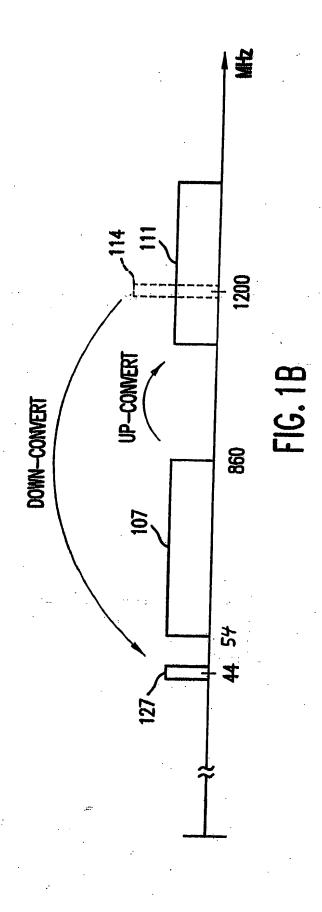
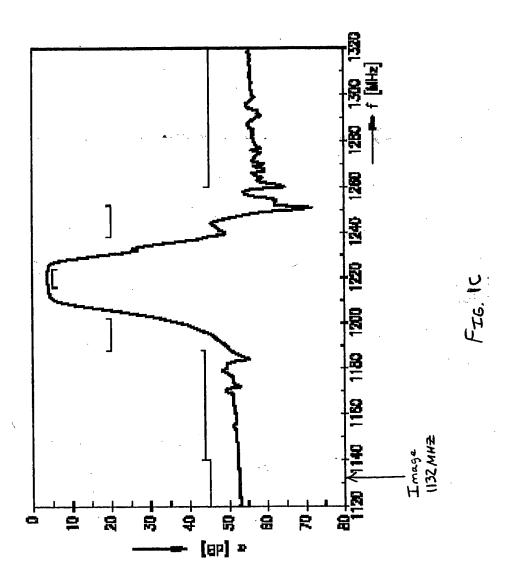
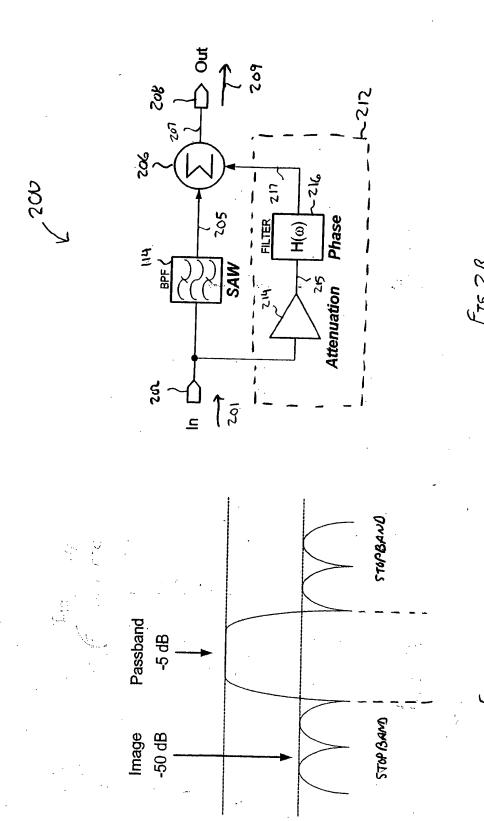
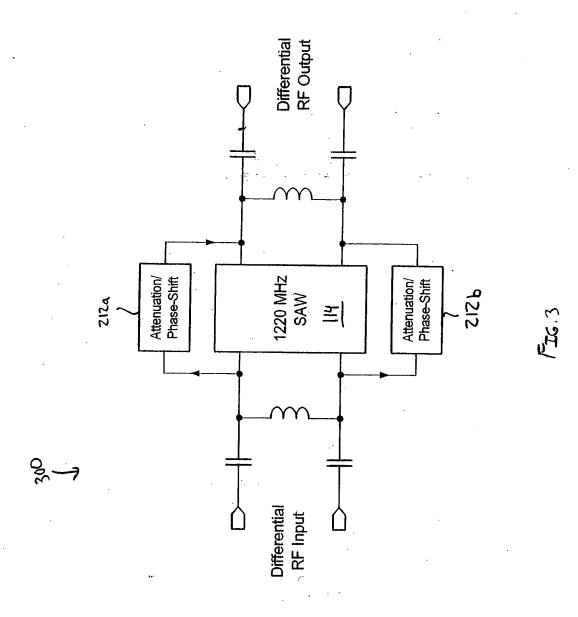


FIG. 1A









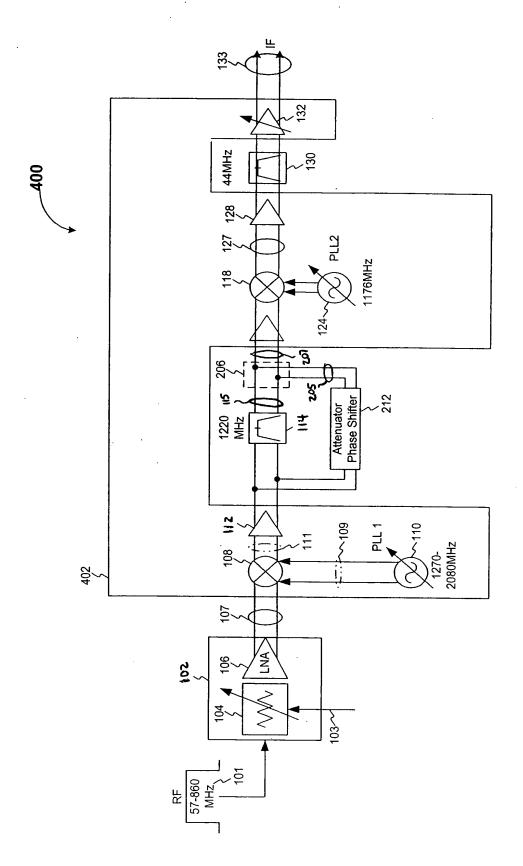


FIG. 4

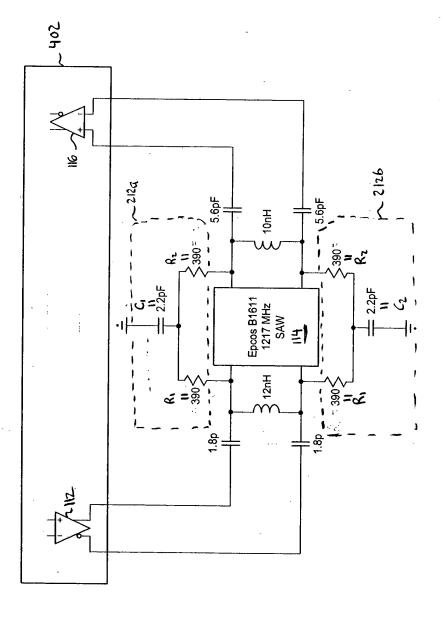
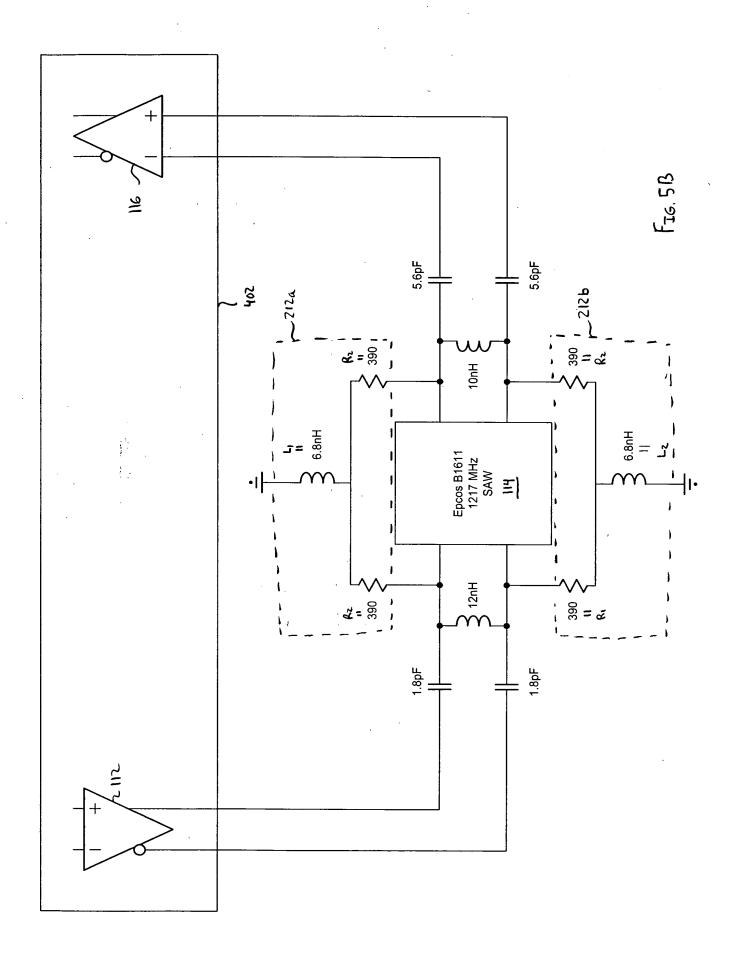
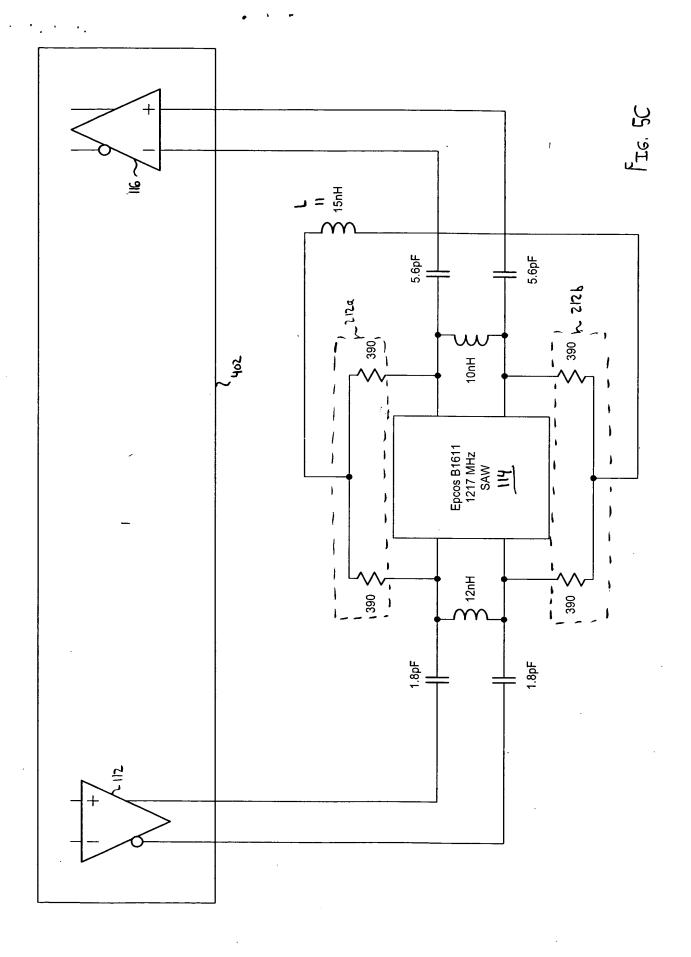
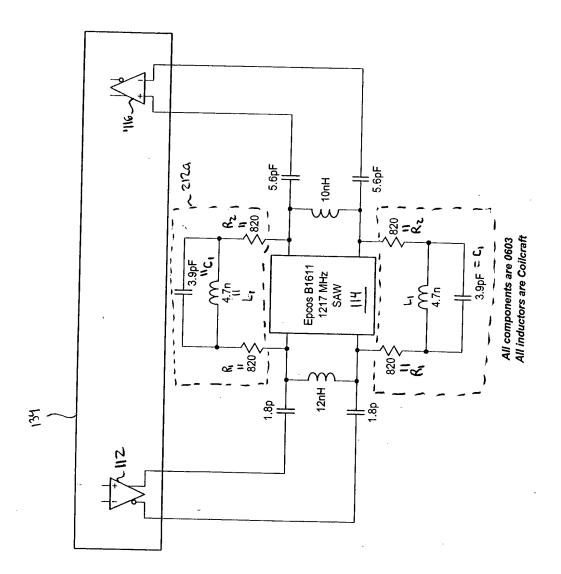


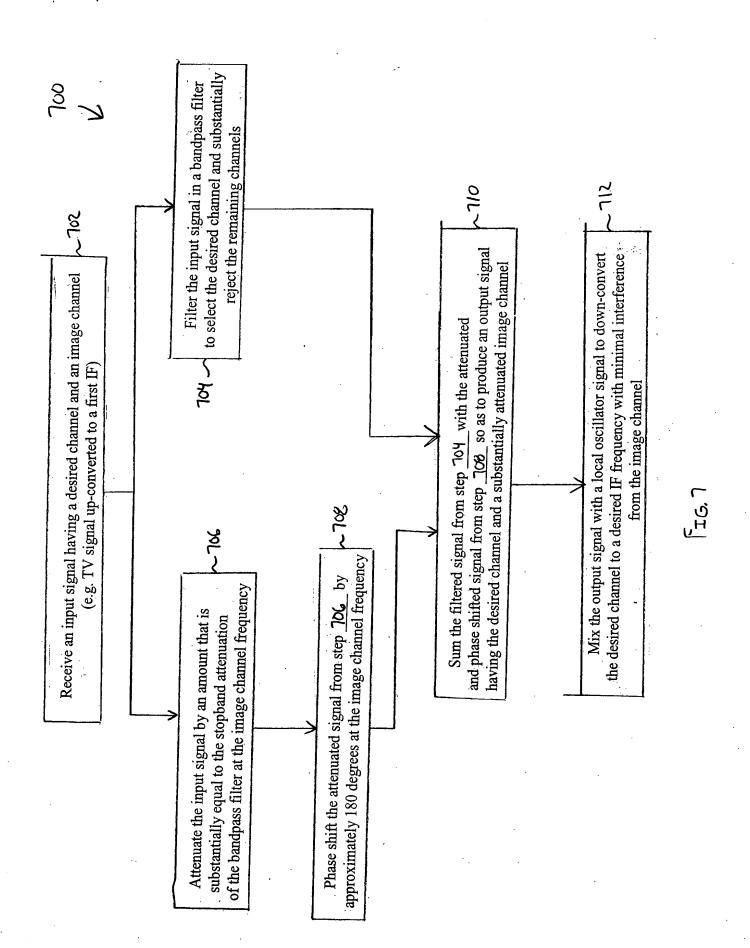
FIG. 5A

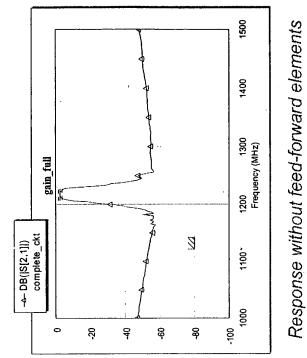






F16.6





gain_full

s DB(|S[2,1]|) complete_ckt

2,

0

4

æ

ଚ୍ଚ

Fr. 9B



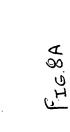
1500

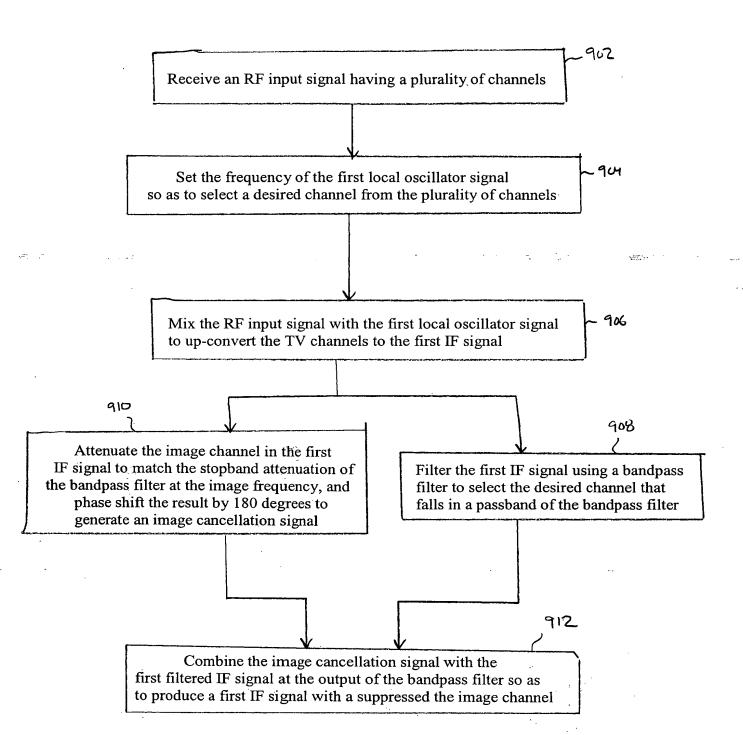
1400

1200 1300 Frequency (MHz)

1100

1000





goo (cont.)

Mix the first IF signal having the suppressed image channel with a second local oscillator signal so as to generate a second IF signal

916

Filter the second IF signal so as to pass the desired channel at the second IF and remove any unwanted frequency